Quick erase of NV-RAM data

PCB versions
CU 2
4512 108 09021/2/3 (release 0.x...2.x)
CU 4
4512 108 09201/2   (release 3.x Optimus RAD+R/F and release 1.x Optimus C)

If problems of any kind require an erasure of the NV-RAM data of PCB CU EZ139 either version it might take up to 20 minutes using the normal well-known way.

There is a faster way possible.

Measures and precautions:

- **The battery jumper W1 (CU4) or W2 (CU2) must be removed from the "Batt on" position.**
- **The generator must not be ON if the PCB is on extension boards.**
- **Use proper ESD grounding techniques when handling components.**
- **Wear an antistatic wrist strap and use an ESD-protected mat.**

Make a short at the pins (first pins of the row) of D13 (CU2 and CU4) or D18 (CU4 only). Use either a measuring cable with fine tips or aluminum foil which covers the pins.
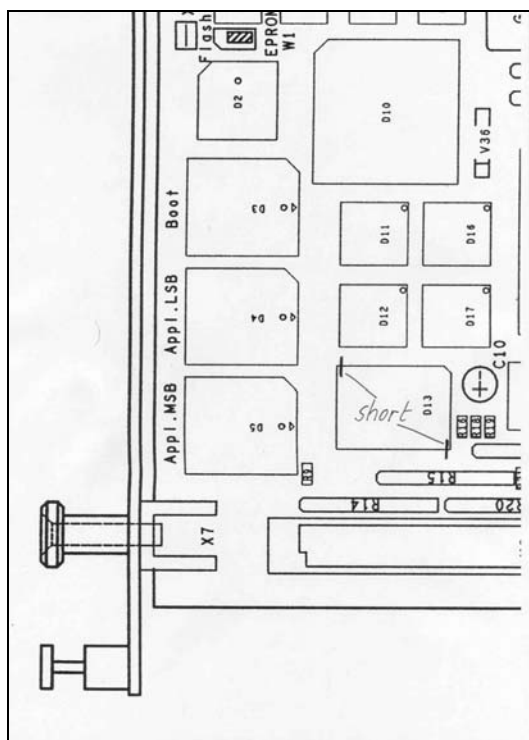It is sufficient to have a contact time of some seconds.

If errors 00BF, 00BB, 00BE, 00BX, 00BD, 00BA, 00BC, 00B3, 00BT, 00L1, 00PE, 00XL, 00CJ, 00XB, 00B6, 00BO, 10TD (rotor control version dependent) come up in the error log index and
if date and time don't have a valid format anymore the erasure has been successful.

Put the jumper W1 or W2 back to the "Batt on" position.

Set date and time and program the generator or restore a CU Complete backup file.

CU 2   CU 4